

# ABSTRACT

An end-side anastomosis system including a fitting comprising: a base for attachment to a graft, said base be configured to form a seal with an opening in a host vessel wall; a leading petal having a cross-section with a radius of curvature approximating a radius of curvature of the host vessel, said leading petal being configured to dilate the host vessel wall opening while advancing said fitting through the opening; and a rear petal, said rear petal being deflectable to be advanced through the host vessel opening.